
From: McAteer, Mike
Sent: Wednesday, August 30, 2017 10:43 AM
To: Soberal, Elizabeth
Cc: Mason, Steve
Subject: RE: ESF-10 EPA - Best Practices and Recommendations

Elizabeth..... we definitely need to meet with you regarding this request.... Both Steve and I are not fully understanding how we would go about getting a Mission Assignment for "recommendations."..... can we talk this afternoon when you have time?



From: Soberal, Elizabeth [mailto:Elizabeth.Soberal@fema.dhs.gov]
Sent: Wednesday, August 30, 2017 10:16 AM
To: McAteer, Mike
Cc: Mason, Steve
Subject: RE: ESF-10 EPA - Best Practices and Recommendations

Based on what you and I spoke, think outside of the box and come up with something based on your capabilities for this event. Thank you Mike and Steve!

Elizabeth Soberal

(Infrastructure Branch Director
) U.S. Department of Homeland Security
FEMA Region VI - IMAT 2

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Email: elizabeth.soberal@fema.dhs.gov

From: McAteer, Mike [mailto:mcateer.mike@epa.gov]
Sent: Wednesday, August 30, 2017 10:01 AM
To: Soberal, Elizabeth <Elizabeth.Soberal@fema.dhs.gov>
Cc: Steve Mason <mason.steve@epa.gov>

Subject: RE: ESF-10 EPA - Best Practices and Recommendations

I'm sure Steve would be glad to help.... What kind of Mission Assignment are you working on? any details?
thanks



From: Soberal, Elizabeth [<mailto:Elizabeth.Soberal@fema.dhs.gov>]

Sent: Wednesday, August 30, 2017 9:57 AM

To: McAteer, Mike <mcateer.mike@epa.gov>

Subject: RE: ESF-10 EPA - Best Practices and Recommendations

Can you ask Steve Mason to help put together some kind of verbiage for a mission assignment? At your recommendation based on this event. Just want to get this on the table if needed to turn on. Thanks.

Elizabeth Soberal

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Email: elizabeth.soberal@fema.dhs.gov

From: McAteer, Mike [<mailto:mcateer.mike@epa.gov>]

Sent: Wednesday, August 30, 2017 9:48 AM

To: Soberal, Elizabeth <Elizabeth.Soberal@fema.dhs.gov>

Subject: RE: ESF-10 EPA - Best Practices and Recommendations

No.... I can't write Mission Assignments.... EPA has folks (Steve Mason specifically) that can help FEMA put together tech language in a RRF though....



From: Soberal, Elizabeth [<mailto:Elizabeth.Soberal@fema.dhs.gov>]

Sent: Wednesday, August 30, 2017 5:21 AM

To: McAteer, Mike <mcateer.mike@epa.gov>

Subject: Re: ESF-10 EPA - Best Practices and Recommendations

Yes Sir Mission Assignments.

Sent from Email+ secured by MobileIron

From: "McAteer, Mike" <mcateer.mike@epa.gov>

Date: Tuesday, August 29, 2017 at 7:13:04 PM

To: "Soberal, Elizabeth" <Elizabeth.Soberal@fema.dhs.gov>

Cc: "Walsh, Chris" <Chris.Walsh@fema.dhs.gov>

Subject: RE: ESF-10 EPA - Best Practices and Recommendations

When you say "MA's" are you referring to Mission Assignments? (sorry, I'm still trying to learn all the FEMA acronyms)



From: Soberal, Elizabeth [<mailto:Elizabeth.Soberal@fema.dhs.gov>]

Sent: Tuesday, August 29, 2017 4:19 PM

To: McAteer, Mike <mcateer.mike@epa.gov>

Cc: Walsh, Chris <Chris.Walsh@fema.dhs.gov>

Subject: RE: ESF-10 EPA - Best Practices and Recommendations

Mike can you draft some MAs?

Elizabeth Soberal

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Email: elizabeth.soberal@fema.dhs.gov

From: McAteer, Mike [<mailto:mcateer.mike@epa.gov>]

Sent: Sunday, August 27, 2017 9:59 PM

To: Soberal, Elizabeth <Elizabeth.Soberal@fema.dhs.gov>

Cc: Walsh, Chris <Chris.Walsh@fema.dhs.gov>

Subject: ESF-10 EPA - Best Practices and Recommendations

Elizabeth:

As requested, I've pulled together a list of what we at EPA-Region 6 (Dallas) consider our most significant "lessons learned" and best practices based on our ESF-10 experiences on previous large-scale natural disaster responses (i.e., hurricane Katrina, Gustav, Ike, etc.). The list is probably more extensive than you might need so, feel free to edit as you see fit. I hope this covers what you need from EPA relating to this matter.... If you have questions or concerns, or would like more detail, please just let me know.

Also, I've attached the DRAFT language currently proposed for the pending Mission Assignment for EPA under ESF 10 here at the hurricane Harvey response. Please let me know if you have questions.

Thank you.

Recommendations/Best Practices for ESF-10:

- "Go Big Early." In other words, stage personnel and equipment close to the incident as early as reasonably possible and start with a large well equipped workforce....it's much less complicated, and more cost-effective, to scale back later than to try to piecemeal things as you get deeper into the response.
- It's important to get the word out early to the public that when they are taking their damaged goods and debris out to the curb for pick-up, they need to segregate any household hazardous wastes (i.e., oil, pesticides/herbicides, batteries, paint, etc). We don't want these wastes going to municipal landfills.
- Community outreach requirements are significant and extensive and therefore early planning and coordination is essential. During Katrina EPA accomplished the most extensive community outreach ever—over 2 million flyers distributed with information about potential hazards, removal of household waste, etc.
- GIS and other technical support skills are vital to mission success
- Data collection, sampling and dissemination of resulting information is a major undertaking. Hurricane Katrina was the largest in EPA experience related to a natural disaster—over 1800 samples of floodwater and sediment; over

5200 air samples resulting in over 250,000 different analyses. This work must be planned for early in the response.

- Depending on the situation, review of the sampling plan by EPA's Science Advisory Board may be appropriate to ensure sound science approach.
 - Logistics for EPA teams is very important (work space, lodging, etc) and very difficult at the beginning.... Best to have these things pre-designated wherever possible.
 - Changing priorities in the middle of a planning cycle can put additional strain on the work beginning done.
 - Communications have to go both directions... people in the field need to have some understanding of the overall picture, tactics, and purpose of objectives
 - Environmental Justice concerns need to be discussed and planned for from the beginning, and not react to them when they come up... such as placement of debris piles, where trucks with debris are running, etc...
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PROPOSED/PENDING ESF-10 MISSION ASSIGNMENT LANGUAGE FOR HURRICANE HARVEY:

As requested by the State of Texas, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include: identify and assess impacts to drinking water and wastewater critical infrastructure; assist in the implementation of Response Manager tracking system; emergency response to oil and hazardous materials discharges/releases; and augmenting personnel for response operations. In addition, ESF-10 will conduct aerial assessments to assess discharges/releases; accumulations of orphaned containers, and damages to oil/chemical facilities. This information will be used to help ensure safety of response personnel entering into the impacted areas.

